

1042 U.S. PRO
02/15/01

Please type a plus sign (+) inside the

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53 (h))

Attorney Docket No.

CSCO-002/94701

First Inventor

Amit Phadnis

Title

Aggregation Devices Processing Keep-alive Messages ...

Express Mail label No.

EK117638302US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 28]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]

5. Oath or Declaration [Total Pages 3]

a. ☒ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

i.i. ☐ paper

c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)
26392

or ☐ Correspondence address below

Name	Narendra R. Thappeta				
Address	Law Firm of Naren Thappeta				
	39899 Balentine Drive #119				
City	Newark	State	CA	Zip Code	94560
Country	USA	Telephone	(510)252-9980	Fax	(510) 252-9982

Name (Print/Type)	Narendra R. Thappeta	Registration No. (Attorney/Agent)	41,416
Signature	<i>Naren Thappeta</i>	Date	February 15, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.


10997 U.S. PRO
09/785884
02/15/01

Patent fees are subject to annual revision.

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Amit Phadnis
Examiner Name	
Group/Art Unit	
Attorney Docket No.	CSCO-002/94701

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																											
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number: 20-0674</p> <p>Deposit Account Name: Law Firm of Naren Thappeta</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p>				<p>3. 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SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Narendra R. Thappeta	Registration No. (Attorney/Agent)	41,416	Telephone	(510)252-9980
Signature				Date	February 15, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

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**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Amit Phadnis

Title

Aggregation Devices Processing Keep-alive
Messages ...

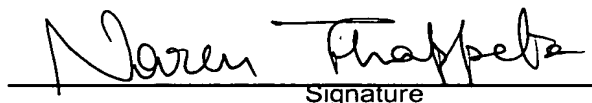
Atty Docket Number

CSCO-002/94701

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

February 15, 2001

Date


Signature

Narendra R. Thappeta

Typed or printed name

Attorney Registration No.: 41,416

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

Complete if Known

Application Number
Filing Date
First Named Inventor Amit Phadnis
Examiner Name
Group/Art Unit
Attorney Docket No. CSCO-002/94701

TOTAL AMOUNT OF PAYMENT (\$) 1,618.00

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number

20-0674

Deposit Account Name

Law Firm of Naren Thappeta

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:

- ☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	\$ 710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
46	-20**= 26	X 18 =	468.00
8	-3**= 5	X 80 =	400.00
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code	Small Entity Fee Code	Fee Description
103	203	9 Claims in excess of 20
102	202	40 Independent claims in excess of 3
104	204	135 Multiple dependent claim, if not paid
109	209	40 **Reissue independent claims over original patent
110	210	9 **Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 1,578.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	205	65 Surcharge - late filing fee or oath	
127	227	25 Surcharge - late provisional filing fee or cover sheet	
139	139	130 Non-English specification	
147	147	2,520 For filing a request for reexamination	
112	112	920* Requesting publication of SIR prior to Examiner action	
113	113	1,840* Requesting publication of SIR after Examiner action	
115	215	55 Extension for reply within first month	
116	216	195 Extension for reply within second month	
117	217	445 Extension for reply within third month	
118	218	695 Extension for reply within fourth month	
128	228	945 Extension for reply within fifth month	
119	219	155 Notice of Appeal	
120	220	155 Filing a brief in support of an appeal	
121	221	135 Request for oral hearing	
138	138	1,510 Petition to institute a public use proceeding	
140	240	55 Petition to revive - unavoidable	
141	241	620 Petition to revive - unintentional	
142	242	620 Utility issue fee (or reissue)	
143	243	220 Design issue fee	
144	244	300 Plant issue fee	
122	122	130 Petitions to the Commissioner	
123	123	50 Petitions related to provisional applications	
126	126	240 Submission of Information Disclosure Stmt	
581	581	40 Recording each patent assignment per property (times number of properties)	\$ 40.00
146	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	355 For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)			
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			40.00

SUBMITTED BY

Name (Print/Type) Narenda R. Thappeta

Registration No. (Attorney/Agent)

41,416

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(510)252-9980

Signature

Naren Thappeta

Date

February 15, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.

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